

Jewett, Freeborn

From: Mott, Robert [REDACTED]
Sent: Monday, September 25, 2017 11:41 AM
To: Muneer, Alie
Subject: RE: Exposure questions

Dear Alie,

In Chart 2-2, my understanding of the meaning of emissions applies to volatile materials. Since this pigment is not volatile, I don't think the pathways are relevant.

On the same chart, I don't believe oral contact is relevant, as eating is not allowed in the production and laboratory work areas.

Dermal exposure is handled as a nuisance dust and employees in production and laboratory areas where long sleeves and are provided gloves.

Inhalation testing has shown exposure was ~0.5mg/m3 over an 12 hour work shift.

On chart 2-4 POTW, underground injection, and Incinerators are not relevant release pathways for manufacturing. A separate chart should be considered for processors.

Hope this helps.

Maybe we can discuss further r late this afternoon if needed.

Best regards,

Dr. Robert C. Mott

Manager, Global Regulatory

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From: Muneer, Alie [REDACTED]
Sent: Monday, September 25, 2017 8:31 AM
To: Mott, Robert <Robert.Mott@sunchemical.com>
Subject: RE: Exposure questions

Hello Robert: Do you plan to send the materials today? Safe travels. Alie

 **Alie Muneer**

U.S. Environmental Protection Agency | Office of Pollution Prevention & Toxics, Risk Assessment Division, Assessment Branch 2 | 1201 Constitution Ave., NW, [REDACTED] | Washington, DC 20004 | [REDACTED]


[REDACTED] | Office hours: M-F, 8am to 4:30pm ET

From: Muneer, Alie
Sent: Friday, September 22, 2017 4:56 PM
To: 'Mott, Robert' [REDACTED]
Cc: Todd, Jason [REDACTED] Hasan, Jafrul [REDACTED]
Subject: RE: Exposure questions

One last question:

Any algal shading for PV29?


Thanks, Alie

 **Alie Muneer**
U.S. Environmental Protection Agency | Office of Pollution Prevention & Toxics, Risk Assessment Division, Assessment Branch 2 | 1201 Constitution Ave., NW, WJC East Bldg., [REDACTED] | Washington, DC 20004 | [REDACTED]
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From: Muneer, Alie
Sent: Friday, September 22, 2017 4:52 PM
To: 'Mott, Robert' [REDACTED]
Cc: Todd, Jason [REDACTED]; Hasan, Jafrul [REDACTED]
Subject: RE: Exposure questions

Per our phone conversation, the following weblink contains the NPDES permit info:
https://cfpub.epa.gov/dmr/facility_detail.cfm?fac=SC0003441&yr=2017

Thanks, Alie

 **Alie Muneer**
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From: Muneer, Alie
Sent: Friday, September 22, 2017 4:26 PM
To: 'Mott, Robert' [REDACTED]
Cc: Todd, Jason [REDACTED]; Hasan, Jafrul [REDACTED]
Subject: Exposure questions

Hello Robert Mott:

We have a few questions relating to exposure:

1. Do you have any information related to release of PV29 to Cooper River? In the absence of this data and using TSS as a surrogate, what percent of PV29 is a part of TSS?
2. What are the days of release to surface water for PV29?
3. Do you have any additional information on PV29 air release for occupational exposure and environmental exposure?

Jason Todd/Exposure Assessor may contact you to follow-up via email or may call you.

Thanks, Alie

 **Alie Muneer**

U.S. Environmental Protection Agency | Office of Pollution Prevention & Toxics, Risk Assessment Division, Assessment
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